

## SECTION 7.0 – LIST OF ACRONYMS

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4	AAS	Allison Avoidance System
5	ABAG	Association of Bay Area Governments
6	ADT	Average Daily Traffic
7	AF	Accumulation Factor
8	AFFF	Aqueous Film-Forming Foam
9	AIChE	American Institute of Chemical Engineers
10	ANS	Alaskan North Slope
11	AT&SF	Atchison Topeka and Santa Fe
12	BAAQMD	Bay Area Air Quality Management District
13	BAPL	Bay Area Pipeline
14	BCDC	Bay Conservation and Development Commission
15	BMP	Best Management Practice
16	BRAC	Base Realignment and Closure Act
17	CAA	Clean Air Act
18	Cal EPA	California Environmental Protection Agency
19	CAP	Clean Air Plan
20	Caltrans	California Department of Transportation
21	CARB	California Air Resources Board
22	CCAA	California Clean Air Act
23	CCC	California Coastal Commission
24	CCR	California Code of Regulations
25	CDFG	California Department of Fish and Game
26	CDHS	California Department of Health Services
27	CDMG	California Division of Mines and Geology
28	CEQA	California Environmental Quality Act
29	CFR	Code of Federal Regulations
30	CNEL	Community Noise Equivalent Level
31	Corps	U.S. Army Corps of Engineers
32	CRHR	California Register of Historical Resources
33	CRWQCB	California Regional Water Quality Control Board
34	CSLC	California State Lands Commission
35	CWA	Clean Water Act
36	CZARA	Coastal Zone Act Reauthorization Amendments of 1990
37	DCMA	Double Counter-Weighted Marine Arms
38	DHS	Department of Health Services
39	DMMO	Dredged Material Management Office
40	DOD	U.S. Department of Defense
41	DOI	U.S. Department of the Interior
42	DWT	Dead Weight Tonnage
43	DWTL	Deep Water Traffic Lane
44	EBRPD	East Bay Regional Parks District
45	EDD	Employment Development Department
46	EEZ	Exclusive Economic Zone
47	EIR	Environmental Impact Report

1	EIS	Environmental Impact Statement
2	EPA	U.S. Environmental Protection Agency
3	ERD	Emission Reduction Device
4	ERL	Effects Range Low
5	ERM	Effects Range Median
6	ESD	Emergency Shutdown
7	FHWA	Federal Highway Administration
8	FIP	Federal Implementation Plan
9	FRA	Federal Railroad Administration
10	GGNRA	Golden Gate National Recreation Area
11	GIS	Geographic Information System
12	HAZOP	Hazard and Operability Study
13	HUD	U.S. Department of Housing and Urban Development
14	IGS	Inert Gas System
15	IMO	International Maritime Organization
16	LCP	Local Coastal Program
17	LFSO	Low Sulfur Fuel Oil
18	LOS	Level of Service
19	LRA	Local Reuse Authority
20	LTMS	Long-Term Management Strategy
21	LUDP	Land Use Development Plan
22	MHHW	Mean Higher High Water
23	MLLW	Mean Lower Water Level
24	MOTEMS	Marine Oil Terminal Engineering and Maintenance Standards
25	MOU	Memorandum of Understanding
26	MSC	Military Sealift Command
27	MSRC	Marine Spill Response Corporation
28	MTC	Metropolitan Transportation Commission
29	MTBE	Methyl Tertiary Butyl Ether
30	Mw	Moment Magnitude
31	NAAQS	National Ambient Air Quality Standards
32	NAS	Non indigenous Aquatic Species
33	NMFS	National Marine Fisheries Service
34	NOAA	National Oceanic and Atmospheric Administration
35	NOP	Notice of Preparation
36	NOS	National Ocean Service
37	NPDES	National Pollutant Discharge Elimination System
38	NRC	National Response Center
39	OCS	Outer Continental Shelf
40	OPA 90	Oil Pollution Act of 1990
41	OSC	On-Scene Coordinator
42	OSHA	Occupational Safety and Health Administration
43	OSPR	Office of Spill Prevention and Response
44	PCE	Passenger Car Equivalents
45	PFMC	Pacific Fisheries Management Council
46	POC	Precursor Organic Compounds
47	POLA	Port of Los Angeles

1	POLB	Port of Long Beach
2	PORTS	Physical Oceanographic Real Time System
3	PRC	Public Resources Code
4	PUC	Public Utilities Commission
5	RCRA	Resource Conservation and Recovery Act
6	RMP	Regional Monitoring Program
7	RMPLS	Richmond Marine-Link Pipeline System
8	ROG	Reactive Organic Gases
9	RNA	Regulated Navigational Area
10	RWQCB	Regional Water Quality Control Board
11	RSPA	Research and Special Programs Administration
12	RT	Radiographic
13	SF-RWQCB	San Francisco Regional Water Quality Control Board
14	SWRCB	State Water Resources Control Board
15	SIP	State Implementation Plan
16	SOLAS	Safety of Life at Sea
17	SPCC	Spill, Prevention Control and Countermeasures Plan
18	SJV	San Joaquin Valley
19	SJVH	San Joaquin Valley Heavy
20	SWPPP	Storm Water Pollution Prevention Plans
21	TBT	Tributyltin
22	TPIC	Terminal Person in Charge
23	TSS	Traffic Separation Scheme
24	UEL	Upper Exposure Limit
25	ULSD	Ultra-Low-Sulfur Diesel
26	USCG	U.S. Coast Guard
27	USDA	U.S. Department of Agriculture
28	USFWS	U.S. Fish and Wildlife Service
29	USGS	U.S. Geological Survey
30	UT	Ultrasonic
31	V/C	Volume to Capacity
32	VCS	Vapor Control System
33	VLCC	Very Large Crude Containers
34	VPIC	Vessel Person in Charge
35	VTC	Vessel Traffic Center
36	WCD	Worst-Case Discharge
37	WGCEP	Working Group on California Earthquake Probabilities
38	WQC	Water Quality Criteria
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## Chemical Abbreviations

CO	Carbon Monoxide
L <sub>dn</sub>	Day/night noise level
L <sub>eq</sub>	Equivalent continuous sound level
L <sub>min</sub>	Minimum noise level
L <sub>max</sub>	Maximum noise level
NMHC	Non-methane Hydrocarbons
NO <sub>2</sub>	Nitrogen Dioxide
NO <sub>x</sub>	Nitrogen Oxide
O <sub>3</sub>	Ozone
Pb	Lead
PM <sub>10</sub>	Particulate Matter
ROC	Reactive Organic Compound
ROG	Reactive Organic Gas
SO <sub>2</sub>	Sulfur Dioxide
VOC	Volatile Organic Compounds

## Units of Measurement

bbl	Barrel
bpd	Barrels per day
bpy	Barrels per year
Btu	British thermal unit
dB	Decibel
dBA	Decibel on the A-weighted Scale
km	Kilometer
L <sub>dn</sub>	Day-night average noise level
L <sub>eq</sub>	Equivalent continuous sound level
m	Meter
MAF	Million acre feet per year
mcy	Million cubic yards
mgd	Million gallons per day
mg/kg	Milligrams per kilogram
mm/yr	Millimeters per year
mph	Miles per hour
nm	Nautical mile
ppb	Parts per billion
ppm	Parts per million
ppt	Parts per thousand
psi	Pounds per square inch
psu	Practical salinity units
ug/kg	Micrograms per kilogram
ug/L	Micrograms per liter